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## EDUCATION:

**1978 - 82:** B.S. Physics, University of Science and Technology of China, Hefei, China

**1985 - 91:** Ph.D., Physics, State University of New York at Stony Brook, New York, USA

## EXPERIENCE:

**1991 - 94:** Postdoctoral Fellow, SUNYSB, study collective expansion at AGS ( $\sqrt{s_{NN}} \sim 5$  GeV)

**1994 - 97:** LANL Director Fellow, study collective expansion at SPS ( $\sqrt{s_{NN}} \sim 20$  GeV)

**1997 - 2001:** LBNL Divisional Fellow, study partonic collectivity at RHIC ( $\sqrt{s_{NN}} \sim 200$  GeV)

**1996 - now:** Referee for Phys. Rev. Lett., Phys. Rev. C, Phys. Lett. B and J. Phys. G

**1999 - now:** Adjunct professor, Central China Normal University, Wuhan, China

**2001 - now:** LBNL Senior Staff Scientist, (i) study the physics of partonic equation of state at RHIC; (ii) search for the evidence of quark-gluon plasma formation and the possible phase boundary between partonic and hadronic phases in high-energy nuclear collisions at ( $\sqrt{s_{NN}} \sim 5$ -200 GeV).

**2002 - now:** Adjunct professor, University of Science and Technology of China, Hefei, China

**2003 - 07:** National Science Foundation of China: Outstanding Young Scientist (B)

**2004 - now:** Chinese Academy of Sciences Oversea Assessor

**2004 - now:** Editorial Board, Journal of Physics G: Nuclear and Particle Physics, IoP, London, England

**2007 - now:** Advisory Board, Center for Analysis and Theory of Heavy Ion Experiments, BNL, USA

**2008 - now:** Spokesperson, STAR Experiment at RHIC, BNL, New York, USA

**2008 - now:** Guest Senior Staff, Shanghai Institute of Applied Physics (SINAP), Shanghai, China

**2008 - now:** IAC, Quark Matter Conference 2009

**2008 - now:** IAC, National Laboratory of Heavy Ion Research Facility in Lanzhou, Lanzhou, China

**2009 - now:** IPAC, Helmholtz International Center for FAIR (HIC for FAIR), Frankfurt, German

## PUBLICATION (selected from 213 refereed publications):

(1) “*Evidence of early multi-strange hadron freeze-out in high energy nuclear collisions*”

H. van Hecke, H. Sorge, and N. Xu, Phys. Rev. Lett. **81**, 5764(1998).

(2) “*Search for partonic equation of state at RHIC*”

N. Xu, *International School of Nuclear Physics, Erice*; Prog. Part. Nucl. Phys. **53**, 165(2004).

(3) “*Experimental and Theoretical Challenges in the Search for the Quark Gluon Plasma: The STAR Collaboration's Critical Assessment of the Evidence from RHIC Collisions*”

J. Adams, et al., (STAR Collaboration), Nucl. Phys. **A757**, 102(2005).

(4) “*Partonic flow and  $\phi$ -meson production in Au+Au collisions at 200 GeV*”

B.I. Abelev, et al., (STAR Collaboration), Phys. Rev. Lett. **99**, 112301(2007).